Approved For Release 2001/05/04: CIA-RDP69B00041R002300010001-2

SECURITY

Winter 11 172

3110152 ZFF-1 BT XXXXX OPCEN 022

25X1A

16868

1 CACF

1 EACH

T O P S E C R E T 311011Z CITE IMMEDIATE 25X1A

A. BX 5712 25X1A

B. EMERGENCY SEAT PACK MESSAGE

C. PILOTS EMERGENCY SEAT PACK CONTENTS ARE IAW STANDARD SURVIVAL XIT CONTENTS DATED 15 MAY 1967, EXCEPT FOR THE FOLLOWING ADDITIONS:

KIT, MEDICAL

CHLOROQUINE NUPERCAINE OINTMENT ACTIFIED DRAMAMINE DILAUDID OTRIVIN CODEINE

CORTISPORINGO INTMENT LOMOTIL

A-FIL NEMBUTAL SODIUM MORPHINE SYRETTE

BATTERIES (SIZE AA) FOR USE IN ASR 100, & CAN BE USED

IN PENLIGHT FLASHLIGHT 12 EACH GILL, NET

SOCKS, WHATE, WOOL & NYLON (IN CUSHION) 2 PAIRS SHOES, TENNIS (CONVERSE BRANK) (IN CUSHION) 1 PAIR DISTALLATION KIT 1 EACH POWDER, FOOT (IN CUSHION) 1 CAN

POWDER, MODI (IN CUSHION) 1 CAN POWDER, INSECTISIDE DDT (IN CUSHION) 1 CAN VIOFORM HYDROCORTISONE, CREAM (IN CUSHION) 1 TUBE

MONOCULAR, SX11 MM ADDITIONS TO AUX SURVIVAL KIT

SAND PAPER, 400 GRIT, WEATHER DRY 1/2 SHEET

CUSED IN PLACE OF EMERY PAPER)

COMPASS, BUTTON

CHIORODUINE-PRIMACUINE (TABS)

4 EACH

CHLOROQUINE-PRIMAGUINE (TABS) 4 EAC DELETIONS TO AUX SURVIVAL KII:

BORIC ACID OINTMENT, TUBE

APC TABLS

1 BOTTLE
(10 EACH)

TOPSECRET

BT

BEST COPY Available THROUGHOUT FOLDER

\$101/05/04 : CIA-RDP69B00041R0023 0010001-2 SECRET

MISSION HURBER:
DATE:
(LANDING + 00:45)
•
NAME
,
*** . - ,

SECRET

Approved For Releas 001/05/04 : CIA-RDP69B00041R0023 10001-2

START: HOURS SECR	MISSION NUMBER:
STOP : HOURS	DATE:
PACKAGE DEBRIEF (TYPE) (I	ANDING
THE PLANT OF THE PARTY OF THE P	ANDING + 2:00)
REPRESENTING	NAME
A. COMMANDER	
B. DCO	
C. DCM	
D. EWS	
EL FLIGHT SURGEON	
F. PACKAGE	
G. FLIGHT PLANNER	
H. RECORDER	
START: HOURS	MISSION NUMBER:
STOP : HOURS	DATE:
EW SYSTEM DEBRIEF (LANDING + 2	
REPRESENTING	•.
A. COMMANDER	NA ME
B. DCO	
C. DCM	
D. EWS	
E. FLIGHT PLANNER	
F. FLIGHT SURGEON	
SECRET VERIFIED	BY:

SECURITY REPRESENTATIVE

Approved For Release 2001/05/04	: CIA-RDP69B00041R002300010001-2	- 1 N.E
CODA	Ados.	COMPA
25X1A	- Cum of	
SURV	VIVAL KIT Secondary BX 671	die
SUBJECT NUMBER	R 1054	

KIT S/N /09. DATE INSP/4 June 7 DATE DUE / (WILL BE EARLIEST DATE OF RADIO, RAFT OR PRIOR TO MISSION) AS PER DIRECTION OF HEADQUARTERS, ALL KITS WILL CONTAIN THE FOLLOWING SURVIVAL ITEMS IN INSTANCES WHERE THE FLIGHT PATH CROSSES MULTIPLE TERRAIN AND OR CLIMATIC REGIONS. ALL KITS PACKED FOR OVERWATER FLIGHTS.

	1. 2. 3. 4. 5. 6. 7. 8.	BHION, SEATKIT, (ITEMS FACKED IN CUSHION) BAG, SLEEPING, WALK AROUND, W/BOOTIES AND MITTENS WIND BREAKER, 2 PIECE DESERT SOLAR STILL TENNIS SHOES SOCKS, WOOL AND NYLON POWDER, FOOT POWDER, INSECTISIDE, DDT VIOFORM HYDROCORTISONE CREAM	1 1 2 1 1 2	EA EA EA PR PR CN CN TU
В.	RAF	T, 1-man, w/spray shield (attached) yellow or green s/n 335	1	EA
		DATE Feb 66 DATE INSP 14 TONG 7 DATE DUE 145 ept 67		
C.	ITE	MS TO BE PACKED IN ORDER OF PRIORITY: REPAIR KIT, PACKAGE OF 2 CLAMES, FSN 4220-693-1471	ז	EA
	2.	KIT, DESALTER, FSN 4220-215-5031		EA
	3.	COMPASS, LEUFOLD BRAND		EA
	4.	KNIFE, POCKET, CASE BRAND	1	EA
	7.	RADIO, TYPE ASR-100 S/N 5063 DATE INSPAZZIONE DUE SHIRT, SIZE TROUSERS, SIZE 3 X 3 Z (BOTH SHIRT AND TROUSERS ARE PENNY'S FOREST GREEN DURABLE PRESS MODIFIED)	<u> </u>	<u>pt</u> 67
	8.	PRESS MODIFIED) BELT, BLACK, SIZE S CASE, MATCH, PLASTIC, W/FLINT AND MATCHES FSN 8465-265 1925		
7	9. 10.	CASE, MATCH, PLASTIC, W/FLINT AND MATCHES, FSN 8465-265-4925 CANDLE, LONG BURNING, (8 HOUR), FSN 6260-840-5578		
	11.	INSECT REPELLANT, 6-12 BRAND, 2 or PLASTIC BOTTLE		EA EA
	12.	HAT, W/MOSQUITO NET, O.D. COLOR. FSN 8415-261-6630		EA
	13.	SURVIVAL WEAPON, W/50 ROUNDS AMMO. S/N / 364 342		EA
	L4. L5.	ALUMINUM FOIL, HEAVY DUTY, 2 SQ FT.		EA
	16.	STONE, SHARPENING, CARBORUNDUM, IN LEATHER CASE, (7/8"X3") GUN, FLARE, W/7 FLARES, (1EN) LIFESAVER		EA EA
	17.	MORPHINE SYRETTE		ea Ea
	18.	SPORTSMANS MEDICAL MANUAL (HQS FURNISHED)		EA
	19.	SOCKS, THERMAL STRETCH, SIZE 12-13		PR
	20.	KNIFE, HUNTING, 72" BLADE, BUCK BRAND	1	EΑ

21. FLASHLIGHT, (PEN TYPE) W/BATTERIES, SIZE AA, SILVER COLOR

22. RATIONS, (HQS FURNISHED)

23. SHOE POLISH, BLACK, (ESQUIRE BRAND)

1 EA

1 EA

1 EA

BEST COPY Available

7400

7465

24. BAG, WATER, PLASTIC, 5 QTS, FSN 8465-634-4499	2 EA
25. BAR MOSQUITO	1 EA
26. MIRROR, SIGNALING	1 EA
27. GILL NÉT	1. EA
28. BATTERIES, ALKALINE, SIZE AA (SPARES FOR ASR 100 RADIO	
29. PADDLES PLYWOOD, FSN 4220-485-3018	2 EA
30. MCNOCULAR, 8 x 11 MM	
-	1 EA
D. SUIT ITEMS -4 -3	
and the second s	1.2
1. LIGHT, MARKER, DISTRESS, ACR-SD-5/E, S/N 300/66/N 30/	23 1 EA
(INSIDE OUTER GARMENT RIGHT LEG, INSIDE THIGH) FSN	
6230-067-5209	
2. WATCH, ACCUTRON, S/N <u>H24322</u>	l EA
3. PENCILS, LEAD, MECHANICAL, 41", SCRIPTO BRAND	2 EA
4. PENCIL, CHINA MARKING, MECHANICAL	1 EA
5. KNIFE, MC-1 (INSIDE OUTER GARMENT LEFT LEG, INSIDE THI	GH) 1 EA
6. SURVIVAL PACKET, AS DIRECTED	1 EA
E. PARACHUS S/N 163 DATE INSP/7.76/2 DATE DUE/75e	at 67 1 FA
F. RADIO, U S/N/2369 DATE INSP/7J/67DATE DUE 17	Cart 172 Ex
1. IRADIO, C . S/N/ DATE INSE/ SHIE DUE	MATTER LA
(rad. ed automatic or pilot option) G. AUXILIAR: VAL KIT (OUTER GARMENT LOWER RIGHT LEG POCK	TOM \ 3 714
(-
1. A.P.C 3, TEN EA	1 BL
2. ADHE. ASTER	1 RL
3. BAG, FLASTIC	1 EA
4. BAND	6 EA
5. BENZNIUM CHLORIDE, TINCTURE, TWO CC	1 BL
6. CANDLE	1 EA
7. COMPASS, BUTTON	1 EA
8. CHAMOIS	l EA
9. COTTON, ABSORBENT, 92 GRAMS, W/WAXED PAPER FIRE STARTED	R 1 PK
10. D. METHAMPHETAMINE HYDROCHLORIDE, TABS 6 EA	1 BL
11. FISHING KIT (PLASTIC CONTAINER, 2 WET FLIES WITH SMELL	
15 FISH HOOKS, NICKLE DEMON WITH DOUBLE HOOK.)	,
12. FISHING LINE, NYLON W/15 YDS MONOFILIMENT	1 EA
13. FLARES, PENGUIN	4 EA
14. FLARE GUN, PENGUIN	1 EA
15. FLINT, (IN FISHING KIT)	1 EA
16. GAUZE	
17. HACKSAW BLADE AND KNIFE BLADE	1 EA
	1 EA
	1 EA
19. LIPSTICK, ANTICHAP AND SUNBURN PROTECTION	1 EA
20. LIGHT, KEY TYPE	1 EA
21. MAGNIFYING GLASS	1 EA
22. MATCHES, SURVIVAL, APPROX. 30	1 BX
23. MATCHES, LARGE, WATERPROOF, 6 EA	1 PK
24. MIRROR, SIGNALING W/CORD	1 EA
25. MORPHINE, SYRETTE	1 EA
26. NEEDLES, LARGE EYE (INFISHING KIT)	2 EA
27. OXYTETRACYCLIN ¹	1 BL
28. PINS, SAFETY	2 EA
-	11

Approved For Release 2001/05/04 : CIA-RDP69B00041R002300010001-2

(XERO COPY COPY

	29.	PLIERS	1	EA
	30.	PURIFICATION TABLETS, WATER, IODINE 50 EA	1.	BL
	31.	RAZOR BLADE, SINGLE EDGE		EA
	32.	REPELLANT, BUG AND SUN, TUBE		ΕA
				BL
	33.	SALT TABS, 10 EA		ΡĶ
	34.	SEWING KIT (2 NEEDLES AND THREAD)		
	35.	SINKERS, FISHING ASSORTMENT		PK
		SNARE, WIRE 20 FT		EA
	37.	SPONGE, CELLULOSE		ĿΑ
	38.	SOAP, BAR (3/8 OZ)		ĿΆ
	39.	SAW, WIRE, THUMB TYPE		ĿΑ
	40.	BAG, WATER (PROPHALACTICS)		PK
	41.	SUNGLASSES		PR
	42.	SANDPAPER, WET OR DRY, 400 GRIT, 1/2 SHEET	1	EA
	43.	CHLOROQUINE PRIMAQUINE TABS	4	EA
	12			
н.	0.0	TAL KIT (OUTER GARMENT LOWER LEFT LEG POCKET)		
		UPERCAINE OINTMENT - ANESTHETIC FOR BURNS, MINOR WOUNDS,	1	TU
	-	TES, ETC.	_	
	2.	DRAMAMINE - TAKE 1 TABLET 4 TIMES A DAY FOR NAUSEA,	Q	TAB
	٨.	VOMITING, AND MOTION SICKNESS.		
	3.		7.8	TAB
	٦.	DEXEDRINE - FO TIQUE, TO INCREASE ALERTNESS, TABLET LASTS 4 HOURS, SULE LASTS 12 HOURS	1.0	IND
	J.	DILAUDID - FORRE PAIN, TAKE 1 TABLET EVERY 3 TO 6	20	TAB
	4.	HOURS AS NEEDED.	2.0	IAD
	E		15	TAB
	5.	HOURS AS NEED! .		TAU
	4		ďΩ	TAB
	6.			
	7.	CHLOROQUINE-PRIMACUINE - FOR PREVENTION OF MALARIA, TAKE	4	TAB
	-	1 TABLET WEEKLY AFTER A MEAL.	•	
	8.		20	TAB
		1 TABLET 3 TIMES A DAY.		
	9.		18	TAB
		EVERY 6 HOURS ON AN EMPTY STOMACH.		
	10.	OTRIVIN - NASAL STRAY FOR CONGESTION.	1	BL
	11.	CORTISPORIN OINTMENT - FOR EYE INFECTION AND TROPICAL USE,		
		MINOR BURNS, WOUNDS, RACHES, ETC., APPLY 2 TO 4 TIMES A DAY.	2	TU
	12.	A-FIL OINTMENT - FOR FREVENTION OF SUNBURN.	1	TU
	13.	NEMBUTAL SODIUM, 100 MG - RAPID ACTING SLEEPING PILL. TAKE	6	EA
	-	ONE CAPSULE FOR SLEEP, MAY REPEAT IN 1 HOUR.		
	14.	MORPHINE SYREFTLE, 1/4 GR - INJECT 1 SYRETTE SUBCUTAENOUSLY	1	EA
		AS NEEDED, FOR SEVERE PAIN.	_	-
		· · · · · · · · · · · · · · · · · · ·		

ILLEGIB

I. COMPASS, WRIST (WORN ON PERSON)

100 F

1 EA

Approved For Release 2001/05/04 : CIA-RDP69B00041R002300010001-2

COPY

FILLING FOR BX 6712

SURVIVAL KIT

25X1A

SUBJECT NUMBER 105 /

KIT S/N 123. DATE INSP 15/12 DATE DUE 1900 167 (WILL BE EARLIEST DATE OF RADIO, RAFT OR FRIOR TO MISSION) AS PER DIRECTION OF HEADQUARTERS, ALL KITS WILL CONTAIN THE FOLLOWING SURVIVAL ITEMS IN INSTANCES WHERE THE FLIGHT PATH CROSSES MULTIPLE TERRAIN AND OR CLIMATIC REGIONS. ALL KITS PACKED FOR OVERWATER FLIGHTS.

A. CUSHION, SEATKIT, (ITEMS FACKED IN C 1. BAG, SLEEPING, WALK AROUND, W/BO 2. WIND BREAKER, 2 PIECE 3. DESERT SOLAR STILL 4. TENNIS SHOES 5. SOCKS, WOOL AND NYLON 6. POWDER, FOOT 7. POWDER, INSECTISIDE, DDT 8. VIOFORM HYDROCORTISONE CREAM	USHION) OTILS AND MITTENS 1 EA 1 EA 1 PR 2 PR 1 CN 1 CN 2 TU
B. RAFT, 1-MAN, W/SPRAY SHIELD (ATTACHED	YELLOW OR GREEN S/N 30 8 1 EA
MFG DATE BOT64 DATE INSP/9.Jul	
C. ITEMS TO BE PACKED IN ORDER OF PRIORI 1. REPAIR KIT, PACKAGE OF 2 CLAMPS, 2. KIT, DESALTER, FSN 4220-215-5031 3. COMPASS, LEUPOLD BRAND 4. KNIFE, POCKET, SWISS 5. RADIO, TYPE ASR-100 S/N 2728 PA	FSN 4220-693-1471 1 EA 1 EA 1 EA 1 EA
5. RADIO, TYPE ASR-100 S/N 5/3 DA 6. SHIRT, SIZE 7 7. TROUSERS, SIZE 7 (BOTH SHIRT AND TROUSERS ARE PENN PRESS MODIFIED) 8. BELT, BLACK, SIZE 7 9. CASE, MATCH, PLASTIC, W/FLINT AND 10. CANDLE, LONG BURNING, (8 HOUR), FI INSECT REPELLANT, 6-12 BRAND, 11. INSECT REPELLANT, 6-12 BRAND, 12. HAT, W/MOSQUITO NET, O.D. COLOR, 13. SURVIVAL WEAPON, W/50 ROUNDS AMMODIA, ALUMINUM FOIL, HEAVY DUTY, 2 SQ FT 15. STONE, SHARFENING, CARBORUNDUM, IN 16. GUN, FLARE, W/7 FLARES, (FEN) LIFE 17. MORPHINE SYRETTE 18. SPORTSMANS MEDICAL MANUAL (HQS FUR 19. SOCKS, THERMAL STRETCH, SIZE 12-13 20. KNIFE, HUNTING, 5" BLADE, 12 12 FLASHLIGHT, (PEN TYPE) W/BATTERIES 22. RATIONS, (HQS FURNISHED) 23. SHOE POLISH, BLACK, (ESQUIRE BRAND)	MATCHES, FSN 8465-265-4925 1 EA EN 6260-840-5578 1 EA EN 2.5 OZ. PLASTIC BOTTLE 1 EA FSN 8415-261-6630 1 EA FSN 8415-261-6630 1 EA I LEATHER CASE, (7/8"X3") 1 EA ESAVER 1 EA ENISHED) 1 EA ENISHED) 1 EA ENISHED 1 EA

24. BAG, WATER, PLASTIC, 5 QTS, FSN 8465-634-4499 25. BAR MOSQUITO 26. MIRROR, SIGNALING 27. GILL NET 28. BATTERIES, ALKALINE, SIZE AA (SPARES FOR ASR 100 RADIO) 29. PADDLES PLYWOOD, FSN 4220-485-3018 30. MONOCULAR, 8 x 11 MM	2 EA 1 EA 1 EA 1 EA 12 EA 2 EA 1 EA
D. SUIT ITEMS 1. LIGHT, MARKER, DISTRESS, ACR-SD-5/E, S/N 3005 (INSIDE OUTER GARMENT RIGHT LEG, INSIDE THIGH) FSN 6230-067-5209 2. WATCH, ACCUTRON, S/N 12-6/6 3. PENCILS, LEAD, MECHANICAL, 42", SCRIPTO BRAND 4. PENCIL, CHINA MARKING, MECHANICAL 5. KNIFE, MC-1 (INSIDE OUTER GARMENT LEFT LEG, INSIDE THIGH) 6. SURVIVAL PACKET. AS DIRECTED	1 EA 2 EA 1 EA 1 EA 1 EA
E. PARACHUTE, S/ 106 DATE INSP/7566 67DATE DUE 17.5ept 67	7 1 EA
F. RADIO, URT- N 23427 DATE INSP/7 Jul 6/DATE DUE /75507	s'h ea
AUXILIARY 1. A.P.C 2. ADHES 3. BAG. 4. BAN. 5. BEN. 6. CANDIES AL KIT (OUTER GARMENT LOWER RIGHT LEG POCKET) 1. TEN EA ASTER ASTER 1. A.P.C 4. BAN. 5. BEN. 1. AL KIT (OUTER GARMENT LOWER RIGHT LEG POCKET) 1. TEN EA ASTER 4. BAN. 5. BEN. 1. AL KIT (OUTER GARMENT LOWER RIGHT LEG POCKET) 1. A.P.C 4. STER 4. STER 5. BEN. 1. AL KIT (OUTER GARMENT LOWER RIGHT LEG POCKET) 1. A.P.C 4. STER 4. STER 5. BEN. 1. AL KIT (OUTER GARMENT LOWER RIGHT LEG POCKET) 4. STER 5. BEN. 6. CANDIES	1 EA 1 BL 1 RL 1 EA 6 EA 1 BL 1 EA
7. COMPASS, BUTTON 8. CHAMOIS 9. COTTON, ABSORBENT, 92 GRAMS, W/WAXED PAPER FIRE STARTER 10. D. METHAMPHETAMINE HYDROCHLORIDE, TABS 6 EA 11. FISHING KIT (PLASTIC CONTAINER, 2 WET FLIES WITH SNELL,	1 EA 1 EA 1 PK 1 BL 1 EA
15 FISH HOOKS, NICKLE DEMON WITH DOUBLE HOOK.) 12. FISHING LINE, NYLON W/15 YDS MONOFILIMENT 13. FLARES, PENGUIN 14. FLARE GUN, PENGUIN 15. FLINT, (IN FISHING KIT) 16. GAUZE 17. HACKSAW BLADE AND KNIFE BLADE 18. KNIFE, FOCKET, CASE 19. LIPSTICK, ANTICHAP AND CUNBURN PROTECTION 20. LIGHT, KEY TYPE	1 EA 4 EA 1 EA 1 EA 1 EA 1 EA 1 EA
21. MAGNIFYING GLASS 22. MATCHES, SURVIVAL, APPROX. 30 23. MATCHES, LARGE, WATERPROOF, 6 EA 24. MIRROR, SIGNALING W/CCRD 25. MORPHINE, SYRETTE 26. NEEDLES, LARGE EYE (INFISHING KIT) 27. OXYTETRACYCLINE, TABS 16 EA 28. PINS, SAFETY	1 EA 1 EA 1 BX 1 PK 1 EA 1 EA 2 EA 1 BL 2 EA

- Approved For Release 2001/05/04 : CIA-RDP69B00041R002300010001-2

COPY

COBY

29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 40. 41.	PURIFICATION TABLETS, WATER, IODINE 50 EA RAZOR BLADE, SINGLE EDGE REPELLANT, BUG AND SUN, TUBE SALT TABS, 10 EA SEWING KIT (2 NEEDLES AND THREAD) SINKERS, FISHING ASSORTMENT SNARE, WIRE 20 FT SPONGE, CELLULOSE SOAP, BAR (3/8 OZ) SAW, WIRE, THUMB TYPE BAG, WATER (PROPHALACTICS) SUNGLASSES		L EA L BL L EA L FK L EA L EA L EA L EA L EA L EA L EA L EA
H. MEI	DICAL KIT (OUTER GARMENT LOWER LEFT LEG POCKET)		
1.	NOPERCAINE OINTMENT - ANESTHETIC FOR BURNS, MINOR WOUNDS	7	TU
2	DIIIO, EIU.	_	10
2.	DRAMAMINE - TAKE 1 TABLET 4 TIMES A DAY FOR NAUSEA, VOMITING, AND MOTION SICKNESS.	9	TAB
3.	DEXEDRINE - FOR FATIGUE, TO INCREASE ALERTHESS TARTED	70	TAB
1	LASTS 4 HOURS, CAPSULE LASTS 12 HOURS	10	IAD
4.	DILAUDID - FOR SEVERE PAIN, TAKE 1 TABLET EVERY 3 TO 6 HOURS AS NEEDED.	20	TAB
5.	CODEINE - FOR MODERATE PAIN, TAKE 1 TABLET EVERY 3 TO 6	٦	
	NULL AS NEEDED.	15	TAB
6.	LOMOTIL - FOR DIARRHEA, TAKE 2 TABLETS 3-4 TIMES A DAY	80	TAB
7.	CHLOROQUINE-FRIMAQUINE - FOR PREVENTION OF MALARIA, TAKE 1 TABLET WEEKLY AFTER A MEAL.		TAB
8.	ACTIFED - FOR DELICE OF GOLD GRADMONG AND	00	
_	I TABLET 3 TIMES A DAY.	20	TAB
9.	TETRACYCLINE - FOR TREATMENT OF INFECTION, TAKE 1 TABLET	18	TAB
10.	EVERY 6 HOURS ON AN EMPTY STOMACH. OTRIVIN - NASAL SIRAY FOR CONGESTION.		
11.	CORTISPORIN CINTMENT - FOR EYE INFECTION AND TROUTON HER		BL
10	THINOR DURNS, WOUNDS, RACHES, ETC., APPLY 2 TO L TIMES A DAY	2	TU
12. 13.	ALLEY OTHERSON I - TOU LUNGBUILLION OR STREETIN	_	CO T t
1)•	NEMBUTAL SODIUM, 100 MG - RAPID ACTING SLEEPING PILL. TAKE ONE CAPSULE FOR SLEEP, MAY REPEAT IN 1 HOUR.	6	EA
14.	MORPHINE SYREFTLE, 1/4 GR - INJECT 1 SYRETTE SUBCUTAENOUSLY AS NEEDED, FOR SEVERE PAIN.	1	EA
I. COM	PASS, WRIST (WORN ON PERSON)	1	EA

Lpu-3 hilo preserver